Data-Driven Justice:
Behavioral Health and Social Services Peer Engagement Group
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Data-Driven Justice Pilot: Middlesex County

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Pathway to Improve Delivery of Care for Those Who Need It Most

Current system doesn’t provide frequent utilizers with the services they need

Ideal model would connect frequent utilizers with appropriate services and supports

Law Enforcement

Corrections

Hospital Emergency Department

DDJ

Behavioral Health and Substance Use Disorder Services
DDJ Partners
Data Sharing
Identify Frequent Utilizers
Incarceration Diversion
Healthcare-Law Enforcement Data Analysis

**Physical Health Service Utilization**
- Primary care: 40% Cross-over, 44% Hospital-only
- Outpatient: 27%, 34%
- Inpatient: 22%, 19%
- All-cause ED: 82%, 51%

**Behavioral Health Service Utilization**
- Outpatient: 22%, 12%
- Inpatient: 33%, 3%
Healthcare-Law Enforcement Data Analysis
Cross-Agency Data Sharing: Co-responder Model as an Intervention
Regional Data Sharing:
Frequent Utilizers Cross Jurisdictional Boundaries
Middlesex County CARE App Pilot
Spotlight on Tewksbury Police Department

Jail Diversion Clinician Data

PD Incident and Arrest Data

County-wide Shared Data System

Sheriff’s Correction Data
Tewksbury Police Department
Clinical Response Team

Tewksbury Police Department

Mathew Page-Shelton
Regional Director

Regional Community Impact Unit

Community Impact Unit Officers (2)

Jail Diversion Clinician 1

Prevention Program Manager

Peer Support Staff

Intensive Case Management (Interns)

Jail Diversion Clinician 2

Recovery (LADC) Interns
Tewksbury Police Department:
Involuntary Commitments

**Before**
- Officer – clinician disconnect
- Section 12s “don’t stick”
- 600 section 12s brought to emergency room
- 5-10% of these individuals go inpatient

**After**
- Officer – clinician translation
- More appropriate Section 12s
- 300-400 Section 12s brought to emergency room
- 70% of these individuals go inpatient
Diversion Cost Savings

2018-2020 Jail Diversion Referrals

- Tewksbury: 333
- Dracut: 495
- Chelmsford: 590
- Billerica: 1350

Total Cost Savings Data:

- Total Savings to Collaboration Towns: $3,506,000.00
- ER Diversion Savings: $2,532,000.00
- Jail Diversion Savings: $892,500.00
- Outreach ER/Jail Div Savings: $81,500.00

Historic 2018-2020
Total Cost Savings Data:

- Total JDP Referrals: 2768
- Total JDP Outreaches: 1255
- Total # of ER Diverts: 633
- Total # of Jail Diverts: 357